

## Community Hospitals and E&Ts Utilization Rates Per Capita by RSN by Age.

**Operational Definition:** Average number of Community Hospitals and E&Ts days per client in a Fiscal Year by RSN.

**Operational Measure:** The total number of inpatient days in community Hospitals and E&Ts divided by an estimate of the general population as of April 1st of the Calendar Year by RSN.

**Formulas:**

$$\frac{\text{Number of days of community days (CH, E\&T) service in Fiscal Year by RSN}}{\text{Estimate of people in the general population in Fiscal Year by RSN}} \times 1000$$

{0-17, 18-59, 60+}

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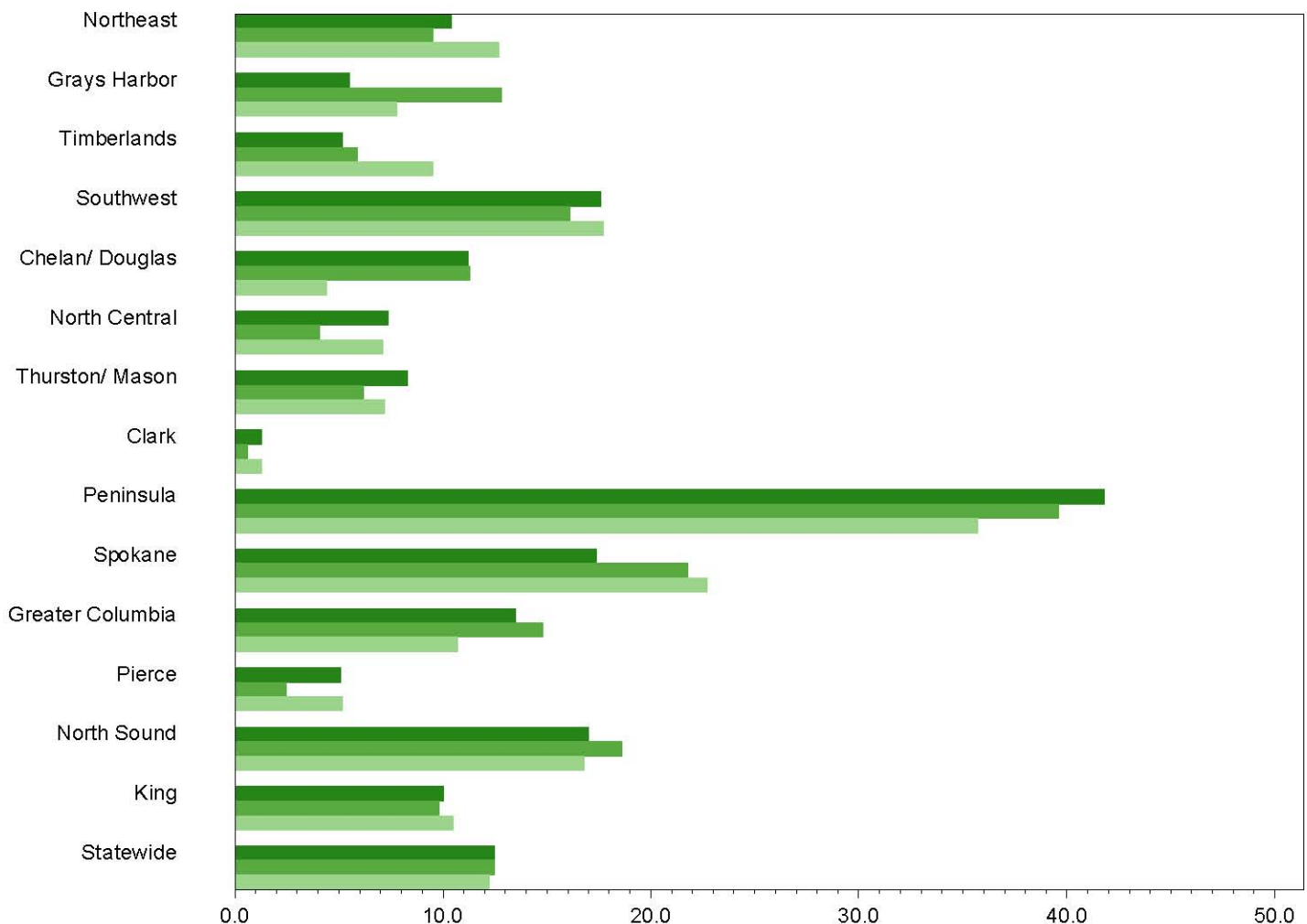
**Discussion:** The tables show the average number of Community Hospital and E&T inpatient days for children, adults, and older adults. There have been reports of Community Hospital bed closures in some communities. Bed closures may be associated with a change in utilization rates in some RSNs. Overall adults have a higher average number of days in Community inpatient settings than either children or older adults. Children's rates of Community inpatient utilization are decreasing, and the rates for adults and older adults are fluctuating.

**Data Notes:**

- Evaluation and Treatment (E&T) services are only provided by Peninsula, King, North Sound RSN and Thurston-Mason RSN. Thurston-Mason opened their Adult E & T in 2005. Peninsula has an adolescent E&T and King and North Sound have adult E&Ts.
- The source for E&T data is the standard institutional transaction (837i) that is submitted to the Mental Health Division (MHD) by the Regional Support Networks.
- The source for Community Hospital data is the Medical Assistance Administration (MAA) paid claims file.
- The Community Hospital data is processed to include the MHD RSN Dispute Resolution table. This table tracks changes to the RSN which is assigned the Community Hospital episode. The most recent RSN assigned to the hospital episode is used.
- The category MHD/unassigned found at the end of the data table includes Medicare crossover claims and Medical/detox/psychiatric pilot project clients who are not assigned to RSNs.
- Counts are unduplicated across Community Hospitals and E&Ts. If a client receives services in both settings within the Fiscal Year, they are only counted once, but their days would be aggregated across the settings.
- Due to a data processing change data for Puget Sound Behavioral Health the number of people served in community inpatient settings for Pierce RSN are under reported in 2003 and 2004.
- Counts are of inpatient days.
- Age is calculated as of January 1, yyyy for each Fiscal Year.

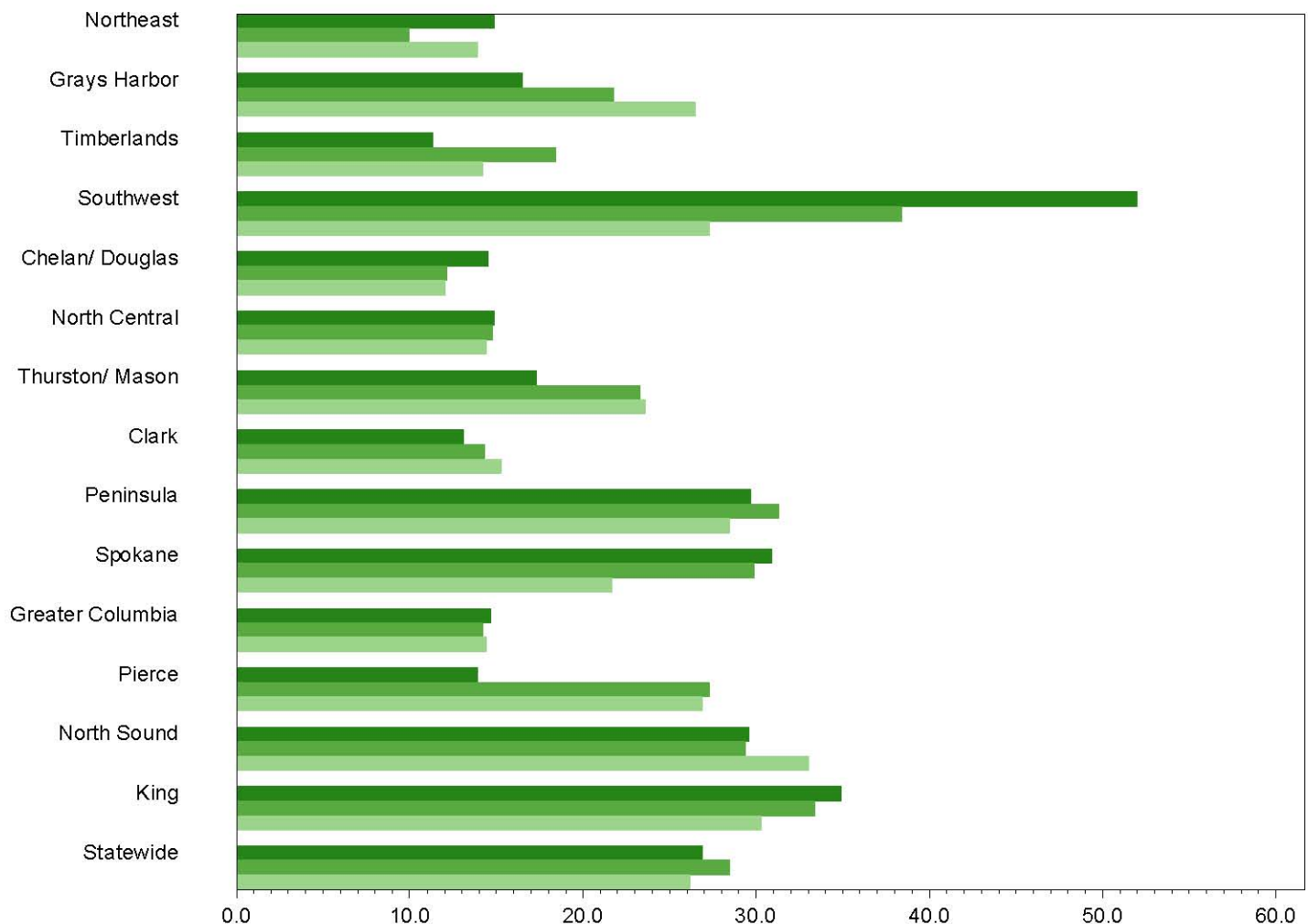
# Community Hospitals and E&Ts Utilization Rates Per Capita by RSN. Youth (0-17 yrs.)

RSN	FY-2003			FY-2004			FY-2005		
	Population	# Days	Rate	Population	# Days	Rate	Population	# Days	Rate
Northeast	18,554	193	10.4	18,373	175	9.5	18,373	234	12.7
Grays Harbor	16,959	94	5.5	16,823	215	12.8	16,823	131	7.8
Timberlands	23,169	120	5.2	22,916	135	5.9	22,916	217	9.5
Southwest	24,522	431	17.6	24,341	392	16.1	24,341	431	17.7
Chelan/ Douglas	28,024	313	11.2	27,909	314	11.3	27,909	122	4.4
North Central	40,238	299	7.4	39,968	164	4.1	39,968	284	7.1
Thurston/ Mason	64,207	535	8.3	64,353	400	6.2	64,353	464	7.2
Clark	103,862	139	1.3	105,603	66	0.6	105,603	133	1.3
Peninsula	80,359	3,356	41.8	80,232	3,174	39.6	80,232	2,866	35.7
Spokane	106,635	1,855	17.4	106,279	2,319	21.8	106,279	2,412	22.7
Greater Columbia	173,319	2,340	13.5	173,776	2,564	14.8	173,776	1,858	10.7
Pierce	194,593	995	5.1	195,269	491	2.5	195,269	1,024	5.2
North Sound	258,404	4,402	17.0	259,273	4,822	18.6	259,273	4,345	16.8
King	389,783	3,897	10.0	387,360	3,798	9.8	387,360	4,083	10.5
MHD/ Unassigned		22			19			43	
Statewide	1,522,628	18,991	12.5	1,522,477	19,048	12.5	1,522,477	18,647	12.2



# Community Hospitals and E&Ts Utilization Rates Per Capita by RSN. Adults (18-59 yrs.)

RSN	FY-2003			FY-2004			FY-2005		
	Population	# Days	Rate	Population	# Days	Rate	Population	# Days	Rate
Northeast	37,363	556	14.9	37,471	373	10.0	37,471	521	13.9
Grays Harbor	37,792	622	16.5	38,045	829	21.8	38,045	1,010	26.5
Timberlands	50,075	564	11.3	50,209	924	18.4	50,209	712	14.2
Southwest	53,175	2,763	52.0	53,446	2,051	38.4	53,446	1,457	27.3
Chelan/ Douglas	55,386	805	14.5	55,957	679	12.1	55,957	674	12.0
North Central	71,349	1,062	14.9	71,945	1,065	14.8	71,945	1,034	14.4
Thurston/ Mason	156,758	2,707	17.3	158,920	3,698	23.3	158,920	3,743	23.6
Clark	219,636	2,872	13.1	225,605	3,219	14.3	225,605	3,451	15.3
Peninsula	189,022	5,610	29.7	190,843	5,967	31.3	190,843	5,437	28.5
Spokane	251,565	7,774	30.9	253,493	7,578	29.9	253,493	5,494	21.7
Greater Columbia	352,255	5,175	14.7	358,296	5,095	14.2	358,296	5,177	14.4
Pierce	436,590	6,077	13.9	442,275	12,093	27.3	442,275	11,909	26.9
North Sound	601,273	17,772	29.6	609,724	17,944	29.4	609,724	20,109	33.0
King	1,137,256	39,702	34.9	1,141,264	38,064	33.4	1,141,264	34,535	30.3
MHD/ Unassigned		4,197			5,658			1,519	
Statewide	3,649,494	98,258	26.9	3,687,492	105,237	28.5	3,687,492	96,782	26.2



# Community Hospitals and E&Ts Utilization Rates Per Capita by RSN. Older Adults (60+ yrs.)

RSN	FY-2003			FY-2004			FY-2005		
	Population	# Days	Rate	Population	# Days	Rate	Population	# Days	Rate
Northeast	13,957	38	2.7	14,230	67	4.7	14,230	19	1.3
Grays Harbor	14,051	59	4.2	14,335	35	2.4	14,335	62	4.3
Timberlands	21,978	14	0.6	22,349	16	0.7	22,349	96	4.3
Southwest	17,156	172	10.0	17,517	154	8.8	17,517	156	8.9
Chelan/ Douglas	18,244	16	0.9	18,739	69	3.7	18,739	57	3.0
North Central	22,102	27	1.2	22,674	54	2.4	22,674	26	1.1
Thurston/ Mason	44,742	149	3.3	46,035	187	4.1	46,035	157	3.4
Clark	49,857	376	7.5	52,097	370	7.1	52,097	520	10.0
Peninsula	59,928	482	8.0	61,338	420	6.8	61,338	780	12.7
Spokane	70,604	805	11.4	72,232	812	11.2	72,232	342	4.7
Greater Columbia	95,162	312	3.3	98,320	378	3.8	98,320	283	2.9
Pierce	103,340	669	6.5	106,480	1,114	10.5	106,480	972	9.1
North Sound	147,245	1,060	7.2	151,825	1,207	7.9	151,825	1,102	7.3
King	254,319	3,607	14.2	259,729	2,810	10.8	259,729	2,274	8.8
MHD/ Unassigned		369			501			101	
Statewide	932,685	8,155	8.7	957,899	8,194	8.6	957,899	6,947	7.3

